



Photometric Report

Number of lamps: 8
 Lumens per lamp: 3050.00
 Input watts: 223.00
 Distribution: Semi-Direct
 Efficiency: 84.4
 Photometric type: C
 Luminous shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 8.080
 90-270 Axis: 1.330
 Height: 0.130
 Spacing Criteria (0): 1.26
 Spacing Criteria (90): 1.39
 Spacing Criteria (Four Luminaires): 1.46

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	4464	18	22
0-40	7456	31	36
0-60	13900	57	67
0-90	18043	74	88
90-120	730	3	4
90-150	1816	7	9
90-180	2557	10	12
0-180	20600	84	100

Total Luminaire Efficiency = 84%

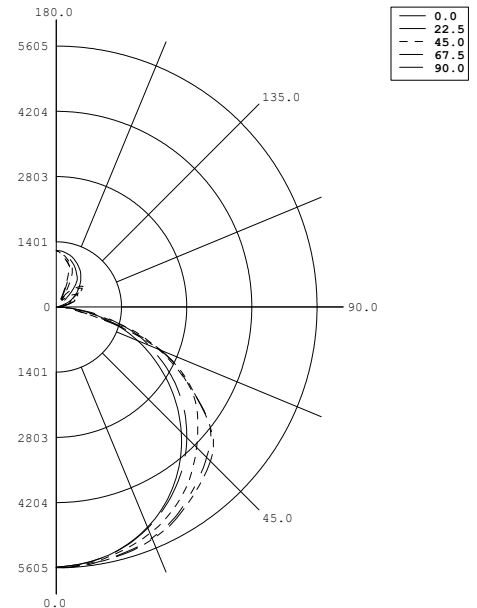
Luminance Data in candela/square meter

	0.0	45.0	90.0
0.0	5603	5603	5603
45.0	5293	5589	6045
55.0	5104	5747	5900
65.0	4843	5388	5394
75.0	4315	4146	2759
85.0	2660	1239	1124

Coefficients of Utilization

pfc= 0.20

pcc-	0.80			0.70			0.50			0.30			0.10			0.0		
pw->0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.0	
RCR																		
0	98	98	98	95	95	95	95	88	88	88	82	82	82	77	77	77	74	
1	89	85	82	79	86	82	79	76	77	74	72	72	70	68	67	66	64	
2	81	74	68	63	78	72	66	62	67	63	59	63	59	56	59	56	53	
3	74	65	58	52	71	62	56	51	58	53	49	55	50	47	51	48	45	
4	67	57	49	44	64	55	48	43	52	46	41	48	44	40	45	41	38	
5	61	51	43	37	59	49	42	37	46	40	35	43	38	34	41	36	33	
6	57	45	38	32	54	44	37	32	41	35	31	39	34	30	37	32	28	
7	52	41	33	28	50	40	33	28	37	31	27	35	30	26	33	29	25	
8	49	37	30	25	47	36	29	25	34	28	24	32	27	23	31	26	22	
9	45	34	27	22	44	33	26	22	31	25	21	30	24	21	28	23	20	
10	42	31	25	20	41	30	24	20	29	23	19	27	22	19	26	21	18	





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Candela Distribution

	0.0	22.5	45.0	67.5	90.0
0.0	5594	5594	5594	5594	5594
2.5	5571	5571	5586	5605	5600
5.0	5551	5553	5577	5588	5585
7.5	5522	5525	5550	5574	5574
10.0	5484	5484	5519	5544	5551
12.5	5438	5447	5473	5515	5527
15.0	5374	5379	5426	5484	5507
17.5	5299	5313	5377	5458	5484
20.0	5218	5229	5324	5420	5443
22.5	5120	5142	5261	5376	5400
25.0	5022	5041	5200	5311	5348
27.5	4902	4937	5113	5250	5293
30.0	4775	4822	5024	5172	5212
32.5	4636	4697	4923	5074	5125
35.0	4488	4569	4812	4972	5041
37.5	4330	4431	4691	4876	4954
40.0	4161	4286	4549	4772	4868
42.5	3982	4132	4410	4683	4781
45.0	3797	3965	4263	4567	4685
47.5	3600	3792	4118	4466	4573
50.0	3404	3615	3968	4338	4405
52.5	3196	3425	3827	4153	4150
55.0	2990	3218	3669	3872	3850
57.5	2767	3019	3488	3552	3540
60.0	2550	2800	3250	3239	3294
62.5	2328	2582	2961	3004	3045
65.0	2114	2354	2666	2767	2753
67.5	1891	2143	2383	2435	2406
70.0	1665	1940	2087	2067	1960
72.5	1428	1692	1792	1602	1468
75.0	1182	1399	1393	1104	973
77.5	936	1129	994	656	607
80.0	711	860	661	381	370
82.5	456	543	378	297	287
85.0	274	268	207	210	207
87.5	167	124	146	115	126
90.0	64	57	101	76	79
92.5	28	43	65	77	77
95.0	34	79	88	85	85
97.5	45	126	126	100	103
100.0	53	152	196	181	163
102.5	56	166	259	239	239
105.0	85	227	308	317	306
107.5	137	280	314	407	398
110.0	222	276	306	430	456
112.5	296	254	352	393	450
115.0	346	233	433	369	412
117.5	395	207	508	407	400
120.0	441	163	536	508	459
122.5	490	143	513	614	568
125.0	542	129	467	685	678
127.5	583	178	427	670	725
130.0	637	256	374	614	699
132.5	678	346	337	557	638
135.0	731	456	282	496	571
137.5	777	563	224	444	508
140.0	821	664	186	378	453
142.5	864	739	204	302	381
145.0	910	788	294	236	296
147.5	948	821	398	195	233
150.0	977	863	531	248	201
152.5	1011	904	678	355	283
155.0	1046	945	817	505	409
157.5	1072	983	899	682	586
160.0	1103	1014	945	841	768
162.5	1129	1048	985	937	919
165.0	1150	1084	1025	983	971
167.5	1167	1115	1066	1023	1014
170.0	1182	1144	1104	1069	1060
172.5	1197	1162	1136	1109	1101
175.0	1208	1182	1174	1153	1155
177.5	1211	1196	1202	1191	1193
180.0	1210	1210	1210	1210	1210